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TITLE : TEXTILE YARN PROVIDED WITH FAR INFRARED RAY-EMISSIVE SUBSTANCE AND PRODUCTION THEREOF

ABSTRACT : PURPOSE: To obtain the title yarn with high warmth retentivity, thus useful for clothing, etc., by mixing far infrared ray-emissive powder with a nylon solution, forming the mixture into a filamentous material through a nozzle spraying technique, which is then twisted with an existing yarn material.

CONSTITUTION: An established far infrared ray-emissive powder prepared by adding platinum as additive to alumina plus silica is mixed with a nylon solution (pref. at 1-5 weight times the amount of said powder), and the mixture is formed into a filamentous material through a nozzle spraying technique. Thence, the filamentous material is twisted with pref. 1-5 weight times of an existing yarn material into the objective textile yarn.

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